

Product datasheet for MR213896L3

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Chadl (NM_001164320) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Chadl (NM_001164320) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Chadl

Synonyms: AY100452; D930017K21Rik

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR213896).

Sequence:

The one insert of this cione is exactly the same astruction

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001164320

ORF Size: 2244 bp



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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001164320.1</u>, <u>NP 001157792.1</u>

 RefSeq Size:
 2547 bp

 RefSeq ORF:
 2247 bp

 Locus ID:
 214685

 UniProt ID:
 E9Q7T7

 Cytogenetics:
 15 E1

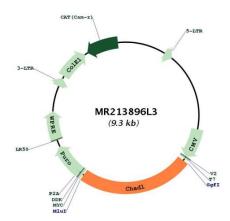
Gene Summary: Potential negative modulator of chondrocyte differentiation. Inhibits collagen fibrillogenesis

in vitro. May influence chondrocyte's differentiation by acting on its cellular collagenous

microenvironment.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR213896L3